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Process for the preparation of sheets

Patent Claims

1. Process for the preparation of sheets (7, 17) that contains the following characteristics of the process:
 - extruding a film tube (1)
 - laying the film tube flat and squeezing it
 - reversing the film tube
 - cutting the extruded film tube (1)

characterized by the fact

 - **that** the film tube is cut in the conveying direction of the film tube (z) before the squeezing (3) takes place and
 - **that** at least one resulting sheet (1) runs through only one reversing device (100) before it is fed to a stationary further processing device or storage device.
2. Process in accordance with claim 1

characterized by the fact that

parts of the surfaces of at least one sheet (7, 17) come into contact during the reversing process.
3. Process in accordance with claim 2

characterized by the fact that

the surfaces that come into contact with each other are components of the tubular sheet (7, 17) that formed the interior surfaces of the film tube (1).

4. Process in accordance with one of the aforesaid claims
characterized by the fact that
sheets (7, 17) are prepared with at least one sticky surface in that a film tube (1) is processed with at least one sticky peripheral surface.
5. Process in accordance with claim 3 and 4
characterized by the fact
 - **that** a film tube (1) is processed that has a sticky external surface and
 - **that** while reversing only those surfaces of the cut film tubes (1) come into contact that had formed the internal surface of the film tube (1) before.
6. Process for the preparation of sheets (7, 17) that contains the following characteristics:
 - a means for the extrusion of a film tube (1)
 - a flattening device (2) and a squeezing device (3) for the film tube (1)
 - a means (100) for the reversing of the film tube (1)
 - at least one cut-off device (4) for slitting the extruded film tube (1) lengthwise**characterized by the fact**
 - **that** at least one cut-off device (4) is provided for slitting the extruded film tube (1) lengthwise in the conveying direction (z) of the film tube before the squeezing device (3)
 - **that** only one reverse device (100) is provided through which at least one resulting sheet (7, 17) runs before it (7, 17) is fed to a stationary processing device or storage device.

7. Process in accordance with the aforesaid claim

characterized by

a reversing device (100) whereby the sheets (7, 17) can be led past at least one reversing air turning bar (103, 105) and at least one reversing deflecting roller (102, 104).

8. Device in accordance with the aforesaid claim

characterized by the fact

that the reversing device (100) contains at least one functional pair formed of an air turning bar (103, 105) and a deflecting roller (102, 104) whereby the air turning bar (103, 105) and the deflecting roller (102, 104) carry out a reversing movement around an axis that runs orthogonal to the rotational position of the deflecting roller.